

To: Johnson, Mark[johnson.mark@epa.gov]; Bair, Rita[bair.rita@epa.gov]; Deltoral, Miguel[deltoral.miguel@epa.gov]; Rowan, Anne[rowan.anne@epa.gov]; Brown, Jaime[brown.jaime@epa.gov]; Bassler, Rachel[Bassler.Rachel@epa.gov]; Kelley, Jeff[kelley.jeff@epa.gov]; Cassell, Peter[cassell.peter@epa.gov]; Cannon, Phillippa[Cannon.Phillippa@epa.gov]; Mitchell, James[mitchell.james@epa.gov]; Deamer, Eileen[deamer.eileen@epa.gov]
Cc: Poy, Thomas[poy.thomas@epa.gov]; Bosscher, Valerie[bosscher.valerie@epa.gov]; Shoven, Heather[shoven.heather@epa.gov]
From: Porter, Andrea
Sent: Tue 8/16/2016 4:40:31 PM
Subject: RE: AS REQUESTED: East Chicago Drinking Water System

Hi Mark,

The “Measure (mg/L)” in Rita’s email is the Lead 90th percentile value.

Thanks,

Andrea Porter

Environmental Engineer

Ground Water & Drinking Water Branch

U.S. EPA, Region 5 (WG-15J)

77 W. Jackson Blvd.

Chicago, IL 60604

Phone: 312-886-4427

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From: Johnson, Mark

Sent: Tuesday, August 16, 2016 11:37 AM

To: Bair, Rita <bair.rita@epa.gov>; Deltoral, Miguel <deltoral.miguel@epa.gov>; Rowan, Anne <rowan.anne@epa.gov>; Brown, Jaime <brown.jaime@epa.gov>; Bassler, Rachel <Bassler.Rachel@epa.gov>; Kelley, Jeff <kelley.jeff@epa.gov>; Cassell, Peter

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Cc: Poy, Thomas <poy.thomas@epa.gov>; Porter, Andrea <porter.andrea@epa.gov>; Bosscher, Valerie <bosscher.valerie@epa.gov>; Shoven, Heather <shoven.heather@epa.gov>
Subject: RE: AS REQUESTED: East Chicago Drinking Water System

Rita

What does the lead concentration under Measure (mg/L) for the 30 samples represent (e.g. average, 90th percentile)? I found the same table on the IDEM website, but it does not describe what it is reporting.

Mark

Mark D. Johnson, PhD, DABT

Regional Director/Toxicologist

Agency for Toxic Substances and Disease Registry (ATSDR)

77 W. Jackson Blvd.

Chicago, IL 60604

Office: 312-353-3436

Email: mdjohnson@cdc.gov

From: Bair, Rita

Sent: Tuesday, August 16, 2016 8:20 AM

To: Deltoral, Miguel <deltoral.miguel@epa.gov>; Rowan, Anne <rowan.anne@epa.gov>; Brown, Jaime <brown.jaime@epa.gov>; Bassler, Rachel <Bassler.Rachel@epa.gov>; Johnson, Mark <johnson.mark@epa.gov>; Kelley, Jeff <kelley.jeff@epa.gov>; Cassell, Peter <cassell.peter@epa.gov>; Cannon, Phillippa <Cannon.Phillippa@epa.gov>; Mitchell, James

<mittchell.james@epa.gov>; Deamer, Eileen <deamer.eileen@epa.gov>

Cc: Poy, Thomas <poy.thomas@epa.gov>; Porter, Andrea <porter.andrea@epa.gov>; Bosscher, Valerie <bosscher.valerie@epa.gov>; Shoven, Heather <shoven.heather@epa.gov>

Subject: RE: AS REQUESTED: East Chicago Drinking Water System

Here's what I gave Tinka a few weeks ago.

From: Bair, Rita

Sent: Monday, August 01, 2016 3:49 PM

To: Hyde, Tinka <hyde.tinka@epa.gov>

Cc: Henry, Timothy <henry.timothy@epa.gov>; Poy, Thomas <poy.thomas@epa.gov>

Subject: East Chicago Drinking Water System

Here are some factoids about East Chicago's Water System that you asked for.

- The East Chicago Water Works (IN5245012) is a surface water system utilizing Lake Michigan water that serves 29,500 people.
- The last violation they had was a DBP M&R violation in the first quarter of CY2016.
- In 2015 they had a treatment technique violation for the month of June for an IESWTR filter violation. The violation was returned to compliance on 8/4/15. No other violations have occurred since 1994.
- The last lead and copper sampling was done for the 2012-2014 time period. There have been no ALEs. A copy of the lead results dating back to 1995 are below.

Let me know if you need anything else.

Monitoring Period	Monitoring Period End Date	Number of	Measure (mg/l)	Water System Facility	Date Summary	Analyte
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Begin Date		Samples		State Asgn ID No.	Received	
01-01-2012	12-31-2014	30	.0078	DS001	08-26-2014	Lead
01-01-2011	12-31-2013	30	.0036	DS001	08-02-2011	Lead
01-01-2008	12-31-2010	30	.0077	DS001		Lead
01-01-2005	12-31-2007	30	.005	DS001		Lead
01-01-2002	12-31-2004	30	.0037	DS001		Lead
01-01-1999	12-31-2001	30	.0005	DS001		Lead
01-01-1996	12-31-1996	30	.012	DS001		Lead
01-01-1995	12-31-1995	30	.012	DS001		Lead